

**Translation**

**PATENT COOPERATION TREATY**

**PCT**

**INTERNATIONAL PRELIMINARY EXAMINATION REPORT**

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference <b>PCT-006</b>	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. <b>PCT/JP2002/012492</b>	International filing date ( <i>day/month/year</i> ) <b>28 November 2002 (28.11.2002)</b>	Priority date ( <i>day/month/year</i> )
International Patent Classification (IPC) or national classification and IPC <b>D05C 15/22, 15/24</b>		
Applicant <b>HOTTA, Kunio</b>		

<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet.</p> <p><input checked="" type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of <u>1</u> sheets.</p>
<p>3. This report contains indications relating to the following items:</p> <p>I <input checked="" type="checkbox"/> Basis of the report</p> <p>II <input type="checkbox"/> Priority</p> <p>III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p>IV <input type="checkbox"/> Lack of unity of invention</p> <p>V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p>VI <input type="checkbox"/> Certain documents cited</p> <p>VII <input type="checkbox"/> Certain defects in the international application</p> <p>VIII <input type="checkbox"/> Certain observations on the international application</p>

Date of submission of the demand <b>29 October 2003 (29.10.2003)</b>	Date of completion of this report <b>26 January 2004 (26.01.2004)</b>
Name and mailing address of the IPEA/JP	Authorized officer
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# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP2002/012492

## I. Basis of the report

1. This report has been drawn on the basis of (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.):

☐ the international application as originally filed.

☒ the description, pages 1-9, as originally filed,  
pages \_\_\_\_\_, filed with the demand,  
pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_,  
pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_.

☒ the claims, Nos. \_\_\_\_\_, as originally filed,  
Nos. \_\_\_\_\_, as amended under Article 19,  
Nos. \_\_\_\_\_, filed with the demand,  
Nos. 1-3, 6, filed with the letter of \_\_\_\_\_,  
Nos. 5, filed with the letter of 18 December 2003 (18.12.2003).

☒ the drawings, sheets/fig 1-12, as originally filed,  
sheets/fig \_\_\_\_\_, filed with the demand,  
sheets/fig \_\_\_\_\_, filed with the letter of \_\_\_\_\_,  
sheets/fig \_\_\_\_\_, filed with the letter of \_\_\_\_\_.

2. The amendments have resulted in the cancellation of:

☐ the description, pages \_\_\_\_\_

☐ the claims, Nos. \_\_\_\_\_

☐ the drawings, sheets/fig \_\_\_\_\_

3. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

4. Additional observations, if necessary:

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International application No.

PCT/JP 02/12492

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. Statement**

Novelty (N)	Claims	1-3, 5, 6	YES
	Claims		NO
Inventive step (IS)	Claims	1-3, 5, 6	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-3, 5, 6	YES
	Claims		NO

**2. Citations and explanations**

Document 1: US 1993862 A (Waite Carpet Co.), 12 March 1935

Document 2: CH 173037 A (Max Brunner), 15 November 1934

Document 3: US 2961983 A (James Lees and Sons Co.), 29 November 1960

Document 4: US 4549496 A (Fabrication Center, Inc.), 29 October 1985

Document 5: US 1993862 A (Waite Carpet Co.), 12 March 1935

Document 6: JP 2001-200465 A (Brother Industries, Ltd.), 27 July 2001

Document 7: JP 10-113492 A (Yamato Mishin Seizo Kabushiki Kaisha), 6 May 1998

Document 8: JP 7-144081 A (Brother Industries, Ltd.), 6 June 1995

Document 9: US 3771478 A (Union Special Corp.), 13 November 1973

Claims 1 to 3, 5, and 6

Claims 1 to 3, 5, and 6 involve an inventive step relative to documents 1 to 9. None of the documents discloses a flocking machine and cutter constituted so

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that a hook body having a hook blade mounted on a hook shaft makes oscillating contact with a lifting-and-lowering blade having a cutting blade.